November 8, 1988

Mr. Jonathan Josephs
Chemical Engineer
Site Compliance Branch
USEPA Region 2
Bldg. 209
Woodbridge Avenue
Edison, NJ 08837

Dear Mr. Josephs:

Enclosed is two copies of the interim addendum report for the Bridgeport Rental and Oil Services site. The addendum has not been completely through our quality control process but the analysis has been film checked by another imagery analyst.

If after reviewing the addendum if you have questions please do not hesitate to call me, FTS 557-3110.

Sincerely,

Eric Warner
Imagery Analyst

318153

Historical Tank Study

This report, an addendum to the Bridgeport Rental and Oil Services site analysis (#TS-PIC-2014) completed in March 1982, was undertaken at the request of the EPA Region 2 Site Compliance Branch. The purpose of the study was to note the installation of tanks during the time period from 1975 to 1980. Aerial photography from the years 1972, 1975, 1979 and 1980 was analyzed. The 1972 photography was analyzed to provide a base of information from which to determine the installation of tanks during the subsequent years. Difficulty was encountered in positively identifying the presence of some tanks because of resolution, scale and/or oblique condition of certain years of photography. Tanks not annotated as present in certain years may be due to the aforementioned difficulties rather than to their actual absence. Where these difficulties are encountered, the affected tanks will be noted. Tank trucks were not included in this study except where they appeared in the same area for at least two years. Tank trucks annotated include 78-80 and 102.

Findings are annotated on two overlays to a print from 1980 photography and are listed in a summary table as well as discussed below. Overlay 1 presents tank identification numbers. The numbers 1-93 were taken from a site map that was developed from previous investigations and provided by EPA Region 2. Tanks 94-106 did not appear on the map, and were assigned numbers. These tanks are denoted by an asterisk (*) on the overlay. Tanks annotated on the map but not seen during this analysis include 17-19, 23, 48, 50-53 and 71.

In order to track the installation and removal of tanks, an alphanumeric system was adopted to note each tank from the year it was first seen to the year it was last seen. This information is presented on Overlay 2. The

alphanumeric symbols, for example: T3, provide the historical information. Tanks not seen from their origin to 1980 do not have an alphanumeric code, but instead are listed with their active years in parentheses.

FINDINGS

<u>1975</u>

Eighteen tanks were added onsite between 1972 and 1975. These tanks include 14, 16, 20, 24-29, and 66-68. Previously unmapped tanks 96, 99 and 100-103 were also added. Because of the resolution of the photography and the placement of tanks 14 and 16, they could not be definitely accounted for in 1972, so 1975 is listed as the first date they were seen. Tanks 102 and 103 were moved sometime between 1979 and 1980 and 1975 and 1979, respectively, so their historical locations are annotated. Unmapped tanks 97 and 98 were removed prior to 1975.

<u>1979</u>

Thirty tanks were added onsite during the time period between 1975 and 1979. These tanks include 13, 15, 30-35, 47, 49, 54, 56, 57, and 72-81 and 83-85. Previously unmapped, unnumbered tanks 103-105 were added onsite.

<u>1980</u>

Two new tanks, 1 and 82, were added in the time period between 1979 and 1980. Tanks 14, 15, and 16 could not be seen in 1980 because of the oblique angle of the photography. Tanks 96-105 have been removed, and tank 101 has been moved to a new location southwest of where it was seen in 1975 and 1980.

Summary Table

Tank Reference # or Historical Code	Active Lifespan	# of Tanks
T1	1972-1980	41
T2	1975-1980	15
T3	1979-1980	28
T4	1980	12
13	1979	1
14	1975-1979	1
15	1979	1
16	1975-1979	1
96	1975-1979	1
97	1972	1
98	1972	1
100	1975-1979	1
105	1979	1

LEGEND

T1   Tanks seen 1972-1980
T2   Tanks seen 1975-1980
T3   Tanks seen 1979-1980
T4   Tanks seen only in 1980
--- Historical Boundary
 *   Previously unmapped tanks